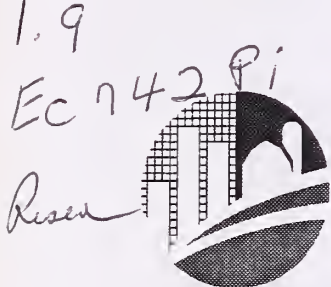


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UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D.C.

Hogs and Pigs

Released December 28, 1999, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Hogs and Pigs" call Rodger Ott at 202-720-3106, office hours 7:00 a.m. to 4:30 p.m. ET.

U.S. Hog Inventory Down 4 Percent

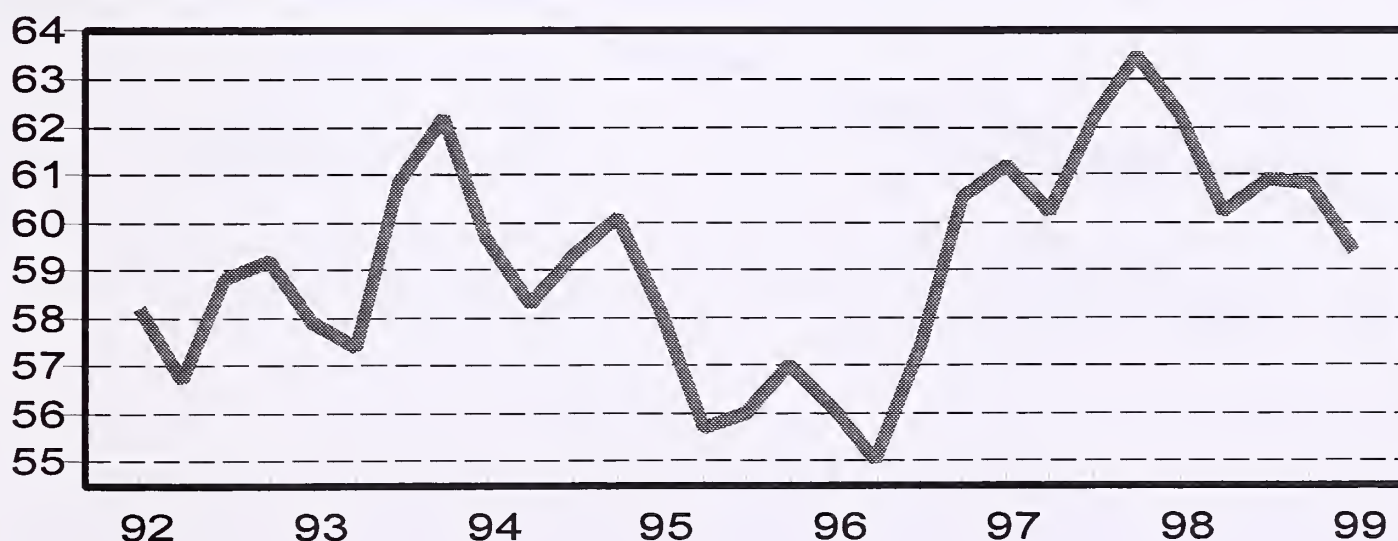
U.S. inventory of all hogs and pigs on December 1, 1999, was 59.4 million head. This was 4 percent below December 1998, and 2 percent below September 1, 1999.

Breeding inventory, at 6.24 million head, was down 7 percent from December 1, 1998, and down 1 percent from September 1, 1999. **Market hog inventory**, at 53.2 million head, was 4 percent below last year, and 2 percent below last quarter.

The September-November 1999 U.S. pig crop, at 25.2 million head, was 3 percent less than 1998, and 1 percent less than 1997. Sows farrowing during this period totaled 2.87 million head, 4 percent below last year. The sows farrowed during this quarter represented 46 percent of the breeding herd. The average pigs per litter rose to an average of 8.78 pigs saved per litter for the September-November period, compared to 8.66 pigs last year. Pigs saved per litter by size of operation ranged from 7.40 for operations with 1-99 hogs to 8.90 for operations with more than 5,000 hogs and pigs.

U.S. Quarterly Hogs and Pigs Inventory December 1

Million Head



U.S. hog producers intend to have 2.81 million sows farrow during the December 1999-February 2000 quarter, 3 percent below the actual farrowings during the same period in 1999, and 4 percent below 1998. Intended farrowings for March-May 2000, at 2.83 million sows, are 5 percent below the same period last year and 8 percent below 1998.

The number of hog operations with hogs totaled 98,460 during 1999, down 14 percent from last year and 19 percent below 1997. Places with 2,000 or more hogs on hand accounted for 7 percent of the operations and 69 percent of the inventory. This is the fourth time operations with inventories over 2,000 head have controlled over 50 percent of the total inventory. The number of operations with over 5,000 head of inventory at 2,005 accounted for 46.5 percent of the total inventory, up from 42 percent a year ago. The total number of hogs under contract, owned by these over 5,000 head operations, but raised by contractees, accounted for 32 percent of the total U.S. hog inventory up from 23 percent last year.

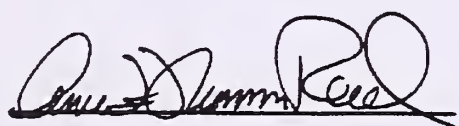
Revisions

All inventory and pig crop estimates for March 1999 through September 1999 were reviewed using final pig crop, official slaughter, import, and export data in U.S. level balance sheets. Based on the findings of this review, small adjustments of less than one half percent were made to the inventory level for June 1 and September 1. Adjustments of less than one half percent were made to pig crops for December-February, March-May, and June-August.

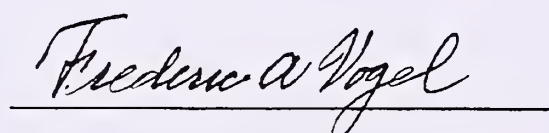
Special Note

The quarterly estimating States will now include Colorado and Texas, but will exclude Georgia and Kentucky. This change was due to increased production in Colorado and Texas and decreased production in Georgia and Kentucky. Data from March 1998 forward will reflect this change to provide the user with comparable data for 1998 and 1999. Also, included in this issue, is a new U.S. table with Number of Operations and Percent of Inventory by Size Group Based on Ownership. This table shows that operations which own over 50,000 head, or 105 operations, account for 40 percent of the U.S. inventory.

This report was approved on December 28, 1999.



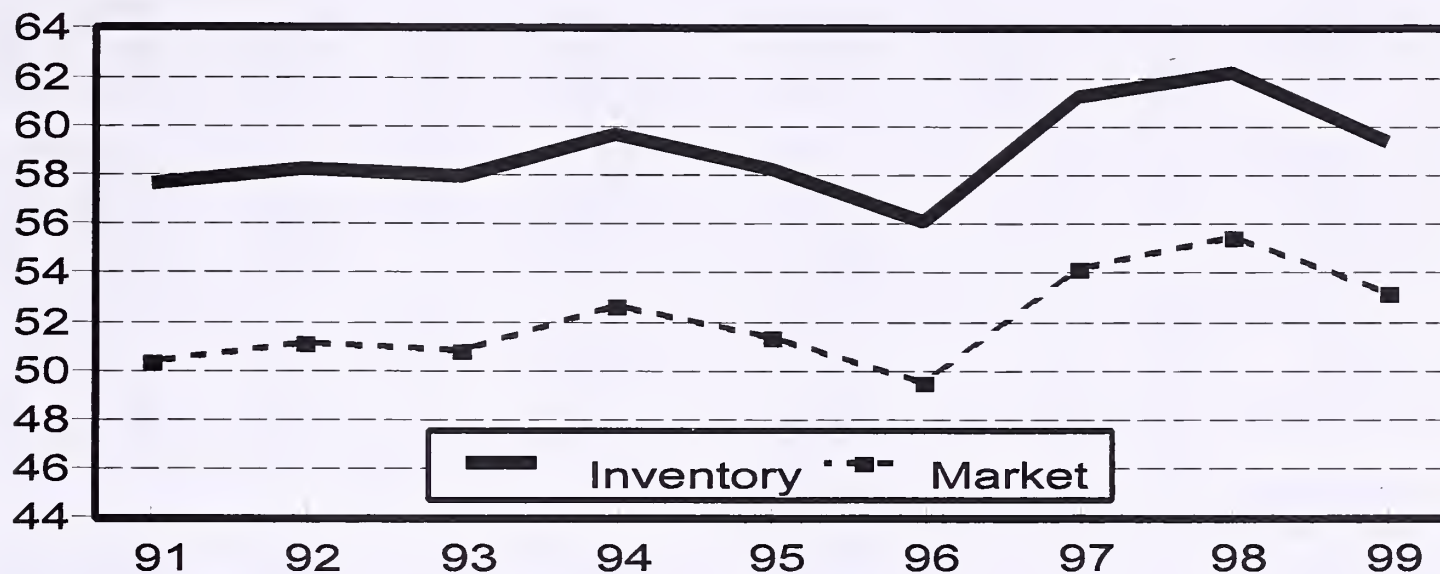
Acting Secretary of
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Agricultural Statistics Board
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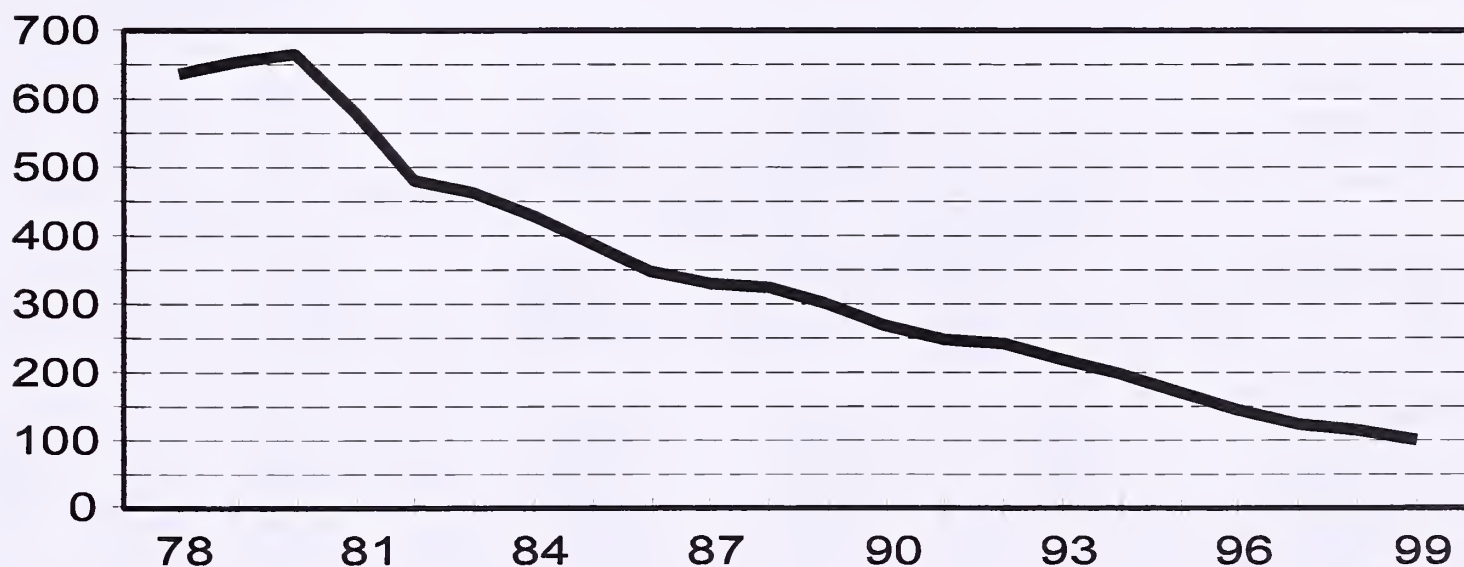
December 1 Hog Inventory & Market Hogs United States

Million Head



Number of Hog Operations United States

(000)



**Hogs and Pigs: Inventory Number by Class, Weight Group,
and Quarter, United States, 1997-1999 ¹**

Item	1997	1998	1999	1999 as % of	
				1997	1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Percent</i>
March 1 Inventory					
All Hogs and Pigs	55,049	60,163	60,191	109	100
Kept for Breeding	6,637	6,942	6,527	98	94
Market	48,412	53,220	53,663	111	101
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	18,490	20,192	19,978	108	99
60-119 Pounds	11,627	12,791	12,899	111	101
120-179 Pounds	9,858	10,774	10,995	112	102
180 Pounds and Over	8,437	9,464	9,792	116	103
June 1 Inventory					
All Hogs and Pigs	57,366	62,213	60,896	106	98
Kept for Breeding	6,789	6,958	6,515	96	94
Market	50,577	55,254	54,380	108	98
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	19,988	21,482	20,532	103	96
60-119 Pounds	12,574	13,711	13,501	107	98
120-179 Pounds	10,002	11,084	11,076	111	100
180 Pounds and Over	8,013	8,978	9,272	116	103
September 1 Inventory					
All Hogs and Pigs	60,456	63,488	60,776	101	96
Kept for Breeding	6,858	6,875	6,301	92	92
Market	53,598	56,612	54,474	102	96
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	20,662	21,189	20,243	98	96
60-119 Pounds	13,388	14,032	13,414	100	96
120-179 Pounds	10,673	11,555	11,129	104	96
180 Pounds and Over	8,875	9,837	9,689	109	98
December 1 Inventory					
All Hogs and Pigs	61,158	62,206	59,407	97	96
Kept for Breeding	6,957	6,682	6,244	90	93
Market	54,200	55,523	53,164	98	96
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	20,237	20,140	19,298	95	96
60-119 Pounds	13,319	13,631	13,106	98	96
120-179 Pounds	11,188	11,585	11,073	99	96
180 Pounds and Over	9,457	10,168	9,687	102	95

¹ May not add due to rounding.

**Farrowings: Number of Sows, Pig Crop, and Pigs per Litter,
United States, 1997-2000 ¹**

Item	1997	1998	1999	2000	1999 as % of		2000 as Percent of 1999
					1997	1998	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Sows Farrowing							
Dec-Feb ^{2 3}	2,684	2,929	2,891	2,810	108	99	97
Mar-May ³	2,911	3,086	2,986	2,832	103	97	95
Dec-May ^{2 3}	5,595	6,014	5,877	5,642	105	98	96
Jun-Aug	2,946	3,054	2,920		99	96	
Sep-Nov	2,939	2,993	2,869		98	96	
Jun-Nov	5,884	6,047	5,789		98	96	
Pig Crop							
Dec-Feb ²	23,164	25,480	25,247		109	99	
Mar-May	25,229	26,989	26,270		104	97	
Dec-May ²	48,394	52,469	51,517		106	98	
Jun-Aug	25,696	26,634	25,860		101	97	
Sep-Nov	25,494	25,902	25,192		99	97	
Jun-Nov	51,190	52,535	51,052		100	97	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Pigs per Litter							
Dec-Feb ²	8.63	8.70	8.73		101	100	
Mar-May	8.67	8.75	8.80		101	101	
Dec-May ²	8.65	8.72	8.77		101	101	
Jun-Aug	8.72	8.72	8.86		102	102	
Sep-Nov	8.68	8.66	8.78		101	101	
Jun-Nov	8.70	8.69	8.82		101	102	

¹ May not add due to rounding.

² December preceding year.

³ Intentions for 2000.

Pigs per Litter: By Size of Operation, United States, 1998-1999

Pig Crop	Pigs per Litter on Operations Having					
	1-99 Head	100-499 Head	500-999 Head	1,000-1,999 Head	2,000-4,999 Head	5,000+ Head
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1998						
Dec-Feb ¹	7.10	7.90	8.30	8.50	8.80	8.90
Mar-May	7.40	8.10	8.40	8.50	8.80	9.00
Jun-Aug	7.30	8.10	8.40	8.60	8.80	8.90
Sep-Nov	7.70	8.00	8.20	8.50	8.70	8.90
1999						
Dec-Feb ¹	7.60	8.10	8.20	8.40	8.70	8.90
Mar-May	7.80	8.10	8.30	8.70	8.70	9.00
Jun-Aug	7.80	7.90	8.30	8.50	8.90	9.00
Sep-Nov	7.40	8.40	8.40	8.70	8.80	8.90

¹ December preceding year.

**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, December 1, 1998-1999 ¹**

State	Breeding			Market			Total		
	1998	1999		1998	1999		1998	1999	
		Number	as % of 1998		Number	as % of 1998		Number	as % of 1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AL	15	15	100	175	160	91	190	175	92
AK	0.4	0.3	75	1.7	1.1	65	2.1	1.4	67
AZ	17	19	112	98	121	123	115	140	122
AR	110	110	100	640	600	94	750	710	95
CA	27	25	93	183	165	90	210	190	90
CO	180	210	117	690	700	101	870	910	105
CT	0.9	0.7	78	3.1	1.8	58	4.0	2.5	63
DE	5	5	100	26	22	85	31	27	87
FL	10	7	70	45	33	73	55	40	73
GA	70	60	86	410	420	102	480	480	100
HI	5	5	100	24	23	96	29	28	97
ID	4	4	100	23	18	78	27	22	81
IL	530	420	79	4,320	3,680	85	4,850	4,100	85
IN	450	370	82	3,600	2,880	80	4,050	3,250	80
IA	1,260	1,160	92	14,040	14,240	101	15,300	15,400	101
KS	170	150	88	1,420	1,310	92	1,590	1,460	92
KY	65	55	85	455	405	89	520	460	88
LA	5	4	80	25	25	100	30	29	97
ME	1.4	1.5	107	5.1	5.5	108	6.5	7.0	108
MD	7	6	86	58	49	84	65	55	85
MA	3.1	3.2	103	16.9	17.8	105	20.0	21.0	105
MI	120	120	100	1,000	860	86	1,120	980	88
MN	620	560	90	5,080	4,940	97	5,700	5,500	96
MS	30	26	87	245	254	104	275	280	102
MO	400	410	103	2,900	2,740	94	3,300	3,150	95
MT	19	17	89	171	133	78	190	150	79
NE	420	390	93	2,980	2,610	88	3,400	3,000	88
NV	1.0	1.0	100	6.5	6.5	100	7.5	7.5	100
NH	0.6	0.8	133	3.4	2.7	79	4.0	3.5	88
NJ	2.0	2.0	100	22.0	13.0	59	24.0	15.0	63
NM	1.3	1.2	92	4.7	4.8	102	6.0	6.0	100
NY	8	6	75	52	34	65	60	40	67
NC	1,000	1,000	100	8,700	8,500	98	9,700	9,500	98
ND	30	25	83	175	165	94	205	190	93
OH	200	170	85	1,500	1,330	89	1,700	1,500	88
OK	280	310	111	1,640	1,950	119	1,920	2,260	118
OR	5	5	100	25	25	100	30	30	100
PA	120	120	100	980	930	95	1,100	1,050	95
RI	0.7	0.5	71	2.3	2.0	87	3.0	2.5	83
SC	30	25	83	240	220	92	270	245	91
SD	130	120	92	1,270	1,140	90	1,400	1,260	90
TN	40	30	75	260	220	85	300	250	83
TX	80	80	100	560	790	141	640	870	136
UT	60	70	117	320	450	141	380	520	137
VT	0.8	0.6	75	2.7	2.4	89	3.5	3.0	86
VA	35	34	97	355	336	95	390	370	95
WA	5	4	80	32	26	81	37	30	81
WV	3	2	67	13	10	77	16	12	75
WI	85	65	76	605	505	83	690	570	83
WY	20	18	90	120	87	73	140	105	75
US	6,682	6,244	93	55,523	53,164	96	62,206	59,407	96

¹ May not add due to rounding.

**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, December 1, 1998-1999 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1998	1999	1998	1999	1998	1999	1998	1999
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AL	72	51	38	38	35	35	30	36
AK	0.6	0.5	0.5	0.2	0.4	0.2	0.2	0.2
AZ	42	47	21	25	17	24	18	25
AR	200	210	165	140	150	140	125	110
CA	70	55	50	50	40	35	23	25
CO	335	350	120	115	120	110	115	125
CT	1.0	0.5	0.6	0.6	0.9	0.2	0.6	0.5
DE	6	5	6	5	5	5	9	7
FL	20	17	12	9	10	4	3	3
GA	160	160	100	110	80	80	70	70
HI	10	9	7	7	4	4	3	3
ID	8	7	6	5	5	3	4	3
IL	1,550	1,280	1,050	940	920	800	800	660
IN	1,370	1,090	840	740	780	580	610	470
IA	4,400	4,410	3,700	3,720	3,120	3,210	2,820	2,900
KS	535	520	290	310	280	230	315	250
KY	185	155	110	115	90	70	70	65
LA	10	9	7	7	5	4	3	5
ME	2.0	3.5	1.5	1.0	0.5	0.5	1.1	0.5
MD	14	13	11	12	12	11	21	13
MA	4.3	6.5	4.6	5.0	4.0	4.0	4.0	2.3
MI	340	330	270	205	180	170	210	155
MN	2,020	1,940	1,270	1,190	960	1,030	830	780
MS	74	45	61	71	56	70	54	68
MO	1,130	1,140	770	770	570	520	430	310
MT	68	51	43	34	33	26	27	22
NE	1,165	980	780	650	600	550	435	430
NV	1.8	1.7	1.7	1.9	1.6	1.4	1.4	1.5
NH	1.0	0.5	1.0	0.9	0.9	0.6	0.5	0.7
NJ	4.0	3.0	4.5	3.0	5.5	2.0	8.0	5.0
NM	1.5	1.6	0.6	1.2	0.2	0.3	2.4	1.7
NY	18	9	14	9	10	8	10	8
NC	3,400	3,350	2,000	1,950	1,850	1,750	1,450	1,450
ND	59	64	52	39	37	35	27	27
OH	590	540	370	330	330	285	210	175
OK	590	820	320	310	265	270	465	550
OR	8	8	7	7	6	5	4	5
PA	340	330	255	250	210	195	175	155
RI	1.0	1.0	0.7	0.5	0.5	0.4	0.1	0.1
SC	70	57	65	62	55	55	50	46
SD	405	370	320	290	280	270	265	210
TN	120	70	55	60	40	40	45	50
TX	210	280	120	190	115	160	115	160
UT	130	180	60	85	60	75	70	110
VT	1.5	0.8	0.2	1.0	0.3	0.2	0.7	0.4
VA	116	114	85	79	78	74	76	69
WA	11	9	9	7	6	5	6	5
WV	5	2	3	3	2	3	3	2
WI	215	165	130	135	130	105	130	100
WY	50	36	23	17	24	17	23	17
US	20,140	19,298	13,631	13,106	11,585	11,073	10,168	9,687

¹ Weight groups may not add to Market due to rounding.

**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, March 1, 1998-1999 ¹**

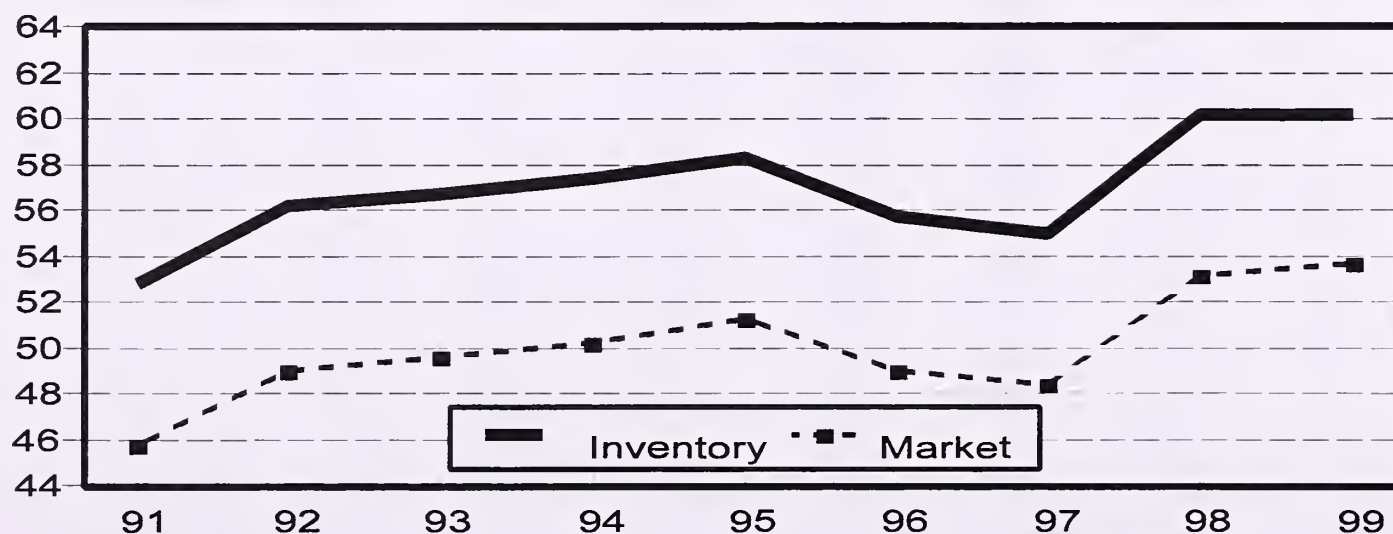
State	Breeding			Market			Total		
	1998	1999		1998	1999		1998	1999	
		Number	as % of 1998		Number	as % of 1998		Number	as % of 1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	110	110	100	700	625	89	810	735	91
CO	160	190	119	640	650	102	800	840	105
IL	550	470	85	4,150	3,930	95	4,700	4,400	94
IN	470	420	89	3,580	3,430	96	4,050	3,850	95
IA	1,300	1,220	94	12,800	13,580	106	14,100	14,800	105
KS	195	165	85	1,305	1,365	105	1,500	1,530	102
MI	130	110	85	870	880	101	1,000	990	99
MN	630	590	94	5,070	5,010	99	5,700	5,600	98
MO	440	400	91	2,960	2,700	91	3,400	3,100	91
NE	430	420	98	3,020	2,880	95	3,450	3,300	96
NC	1,050	1,000	95	8,450	8,500	101	9,500	9,500	100
OH	210	195	93	1,440	1,455	101	1,650	1,650	100
OK	260	290	112	1,510	1,760	117	1,770	2,050	116
PA	120	120	100	980	980	100	1,100	1,100	100
SD	150	130	87	1,100	1,190	108	1,250	1,320	106
TX	70	90	129	490	670	137	560	760	136
WI	105	85	81	625	585	94	730	670	92
Oth Sts ²	562	522	93	3,530	3,473	98	4,093	3,996	98
US	6,942	6,527	94	53,220	53,663	101	60,163	60,191	100

¹ May not add due to rounding.

² Individual State estimates not available for the 33 other States.

March 1 Hog Inventory & Market Hogs United States

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, March 1, 1998-1999 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1998	1999	1998	1999	1998	1999	1998	1999
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	220	220	175	155	155	135	150	115
CO	335	335	110	105	100	100	95	110
IL	1,510	1,410	980	900	930	880	730	740
IN	1,370	1,330	900	790	700	710	610	600
IA	4,200	4,380	3,400	3,480	2,750	2,970	2,450	2,750
KS	540	515	250	280	235	255	280	315
MI	290	280	220	225	195	190	165	185
MN	1,960	1,960	1,240	1,230	1,020	990	850	830
MO	1,370	1,130	640	720	540	510	410	340
NE	1,220	1,140	750	750	570	550	480	440
NC	3,350	3,400	1,930	1,950	1,670	1,750	1,500	1,400
OH	640	580	310	355	300	310	190	210
OK	610	770	260	300	210	240	430	450
PA	355	340	260	250	220	210	145	180
SD	390	410	280	310	240	240	190	230
TX	180	295	105	135	100	110	105	130
WI	250	210	145	135	120	130	110	110
Oth Sts ²	1,402	1,273	836	829	719	715	574	657
US	20,192	19,978	12,791	12,899	10,774	10,995	9,464	9,792

¹ Weight groups may not add to Market due to rounding.

² Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, June 1, 1998-1999¹**

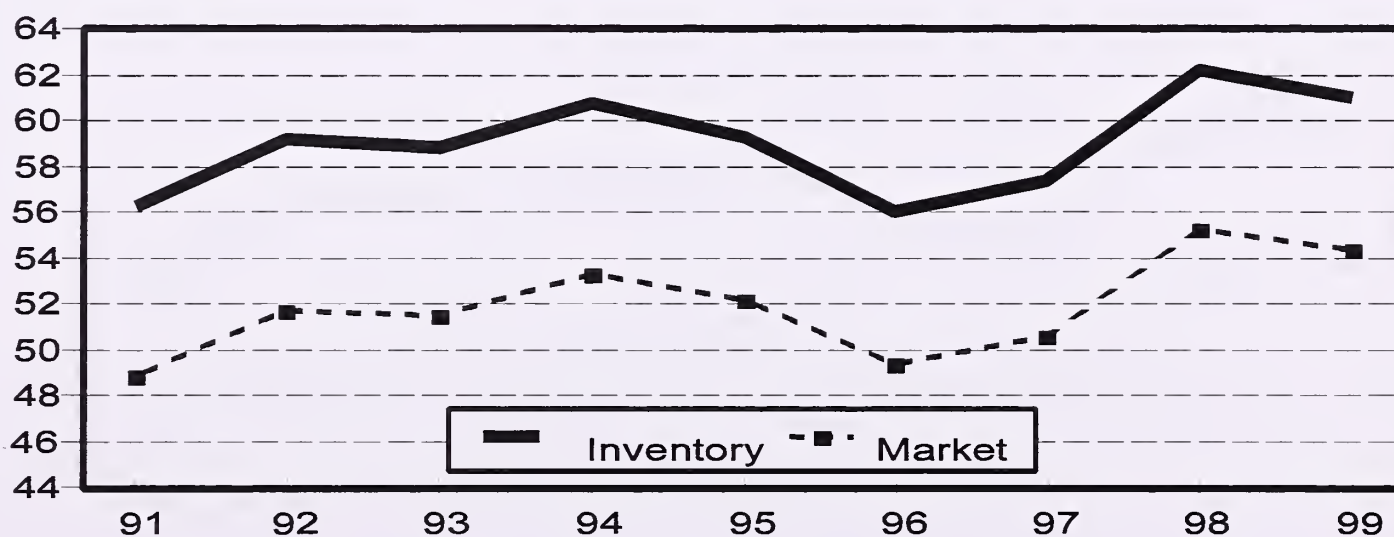
State	Breeding			Market			Total		
	1998	1999		1998	1999		1998	1999	
		Number	as % of 1998		Number	as % of 1998		Number	as % of 1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	110	110	100	680	615	90	790	725	92
CO	180	200	111	720	700	97	900	900	100
IL	580	460	79	4,420	3,890	88	5,000	4,350	87
IN	470	410	87	3,730	3,190	86	4,200	3,600	86
IA	1,300	1,200	92	13,500	14,300	106	14,800	15,500	105
KS	190	160	84	1,280	1,360	106	1,470	1,520	103
MI	130	120	92	1,000	980	98	1,130	1,100	97
MN	640	600	94	5,260	5,000	95	5,900	5,600	95
MO	410	410	100	2,890	2,790	97	3,300	3,200	97
NE	430	410	95	3,020	2,790	92	3,450	3,200	93
NC	1,050	1,000	95	8,750	8,500	97	9,800	9,500	97
OH	220	200	91	1,480	1,450	98	1,700	1,650	97
OK	260	310	119	1,610	1,870	116	1,870	2,180	117
PA	120	125	104	980	965	98	1,100	1,090	99
SD	140	130	93	1,210	1,200	99	1,350	1,330	99
TX	65	85	131	495	685	138	560	770	138
WI	100	80	80	620	580	94	720	660	92
Oth Sts ²	563	505	90	3,609	3,515	97	4,173	4,021	96
US	6,958	6,515	94	55,254	54,380	98	62,213	60,896	98

¹ May not add due to rounding.

² Individual State estimates not available for the 33 other States.

June 1 Hog Inventory & Market Hogs United States

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, June 1, 1998-1999¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1998	1999	1998	1999	1998	1999	1998	1999
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	250	220	165	150	145	135	120	110
CO	370	360	120	115	115	115	115	110
IL	1,750	1,460	1,080	950	900	840	690	640
IN	1,380	1,230	980	810	780	650	590	500
IA	4,630	4,550	3,710	3,950	2,860	3,050	2,300	2,750
KS	525	555	285	290	240	255	230	260
MI	450	430	220	220	190	200	140	130
MN	2,050	2,000	1,330	1,200	1,050	980	830	820
MO	1,450	1,240	590	730	510	520	340	300
NE	1,240	1,130	790	720	560	540	430	400
NC	3,450	3,400	2,130	2,000	1,770	1,750	1,400	1,350
OH	660	590	350	375	290	305	180	180
OK	610	790	300	360	220	270	480	450
PA	355	360	260	250	215	195	150	160
SD	455	430	295	280	255	270	205	220
TX	180	250	105	135	110	140	100	160
WI	245	215	160	130	120	130	95	105
Oth Sts ²	1,432	1,322	841	836	754	731	583	627
US	21,482	20,532	13,711	13,501	11,084	11,076	8,978	9,272

¹ Weight groups may not add to Market due to rounding.

² Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory
by State and United States, September 1, 1998-1999 ¹**

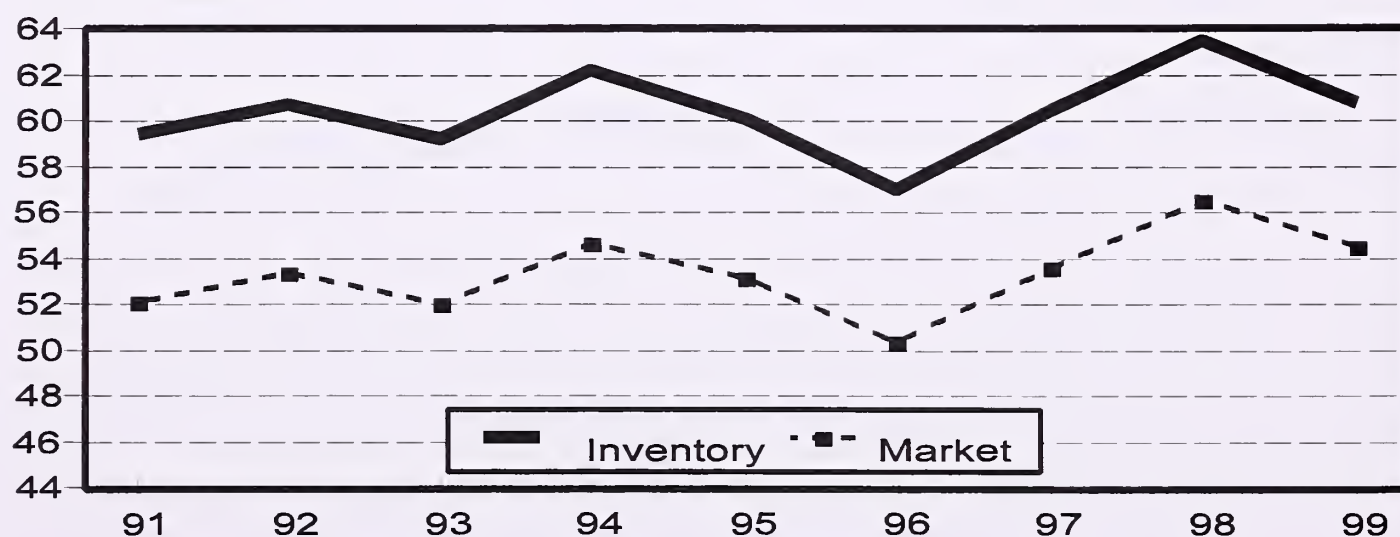
State	Breeding			Market			Total		
	1998	1999		1998	1999		1998	1999	
		Number	as % of 1998		Number	as % of 1998		Number	as % of 1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	110	110	100	690	610	88	800	720	90
CO	190	200	105	730	750	103	920	950	103
IL	540	430	80	4,310	3,770	87	4,850	4,200	87
IN	450	400	89	3,650	3,150	86	4,100	3,550	87
IA	1,290	1,150	89	14,210	14,450	102	15,500	15,600	101
KS	180	155	86	1,370	1,325	97	1,550	1,480	95
MI	120	110	92	950	920	97	1,070	1,030	96
MN	650	590	91	5,350	4,910	92	6,000	5,500	92
MO	420	390	93	2,930	2,710	92	3,350	3,100	93
NE	420	360	86	2,980	2,590	87	3,400	2,950	87
NC	1,050	1,000	95	9,250	8,900	96	10,300	9,900	96
OH	210	190	90	1,540	1,400	91	1,750	1,590	91
OK	290	330	114	1,690	2,000	118	1,980	2,330	118
PA	115	115	100	985	935	95	1,100	1,050	95
SD	130	125	96	1,170	1,245	106	1,300	1,370	105
TX	65	80	123	535	740	138	600	820	137
WI	95	75	79	605	525	87	700	600	86
Oth Sts ²	550	491	89	3,667	3,544	97	4,218	4,036	96
US	6,875	6,301	92	56,612	54,474	96	63,488	60,776	96

¹ May not add due to rounding.

² Individual State estimates not available for the 33 other States.

September 1 Hog Inventory & Market Hogs United States

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,
State, and United States, September 1, 1998-1999 ¹**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1998	1999	1998	1999	1998	1999	1998	1999
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	230	225	180	140	150	135	130	110
CO	385	405	125	125	110	110	110	110
IL	1,540	1,390	1,050	930	930	820	790	630
IN	1,330	1,240	880	760	790	620	650	530
IA	4,560	4,660	4,050	3,940	3,000	3,100	2,600	2,750
KS	575	555	290	260	235	230	270	280
MI	300	310	250	260	195	190	205	160
MN	2,110	1,960	1,380	1,180	1,060	970	800	800
MO	1,300	1,110	680	720	550	530	400	350
NE	1,300	1,070	720	600	540	520	420	400
NC	3,620	3,400	2,120	2,100	1,920	1,850	1,590	1,550
OH	680	580	360	350	310	290	190	180
OK	650	830	300	370	270	300	470	500
PA	350	330	255	240	215	200	165	165
SD	380	415	280	320	290	285	220	225
TX	200	270	110	155	110	130	115	185
WI	240	215	140	115	120	100	105	95
Oth Sts ²	1,439	1,278	862	849	760	749	607	669
US	21,189	20,243	14,032	13,414	11,555	11,129	9,837	9,689

¹ Weight groups may not add to Market due to rounding.

² Individual State estimates not available for the 33 other States.

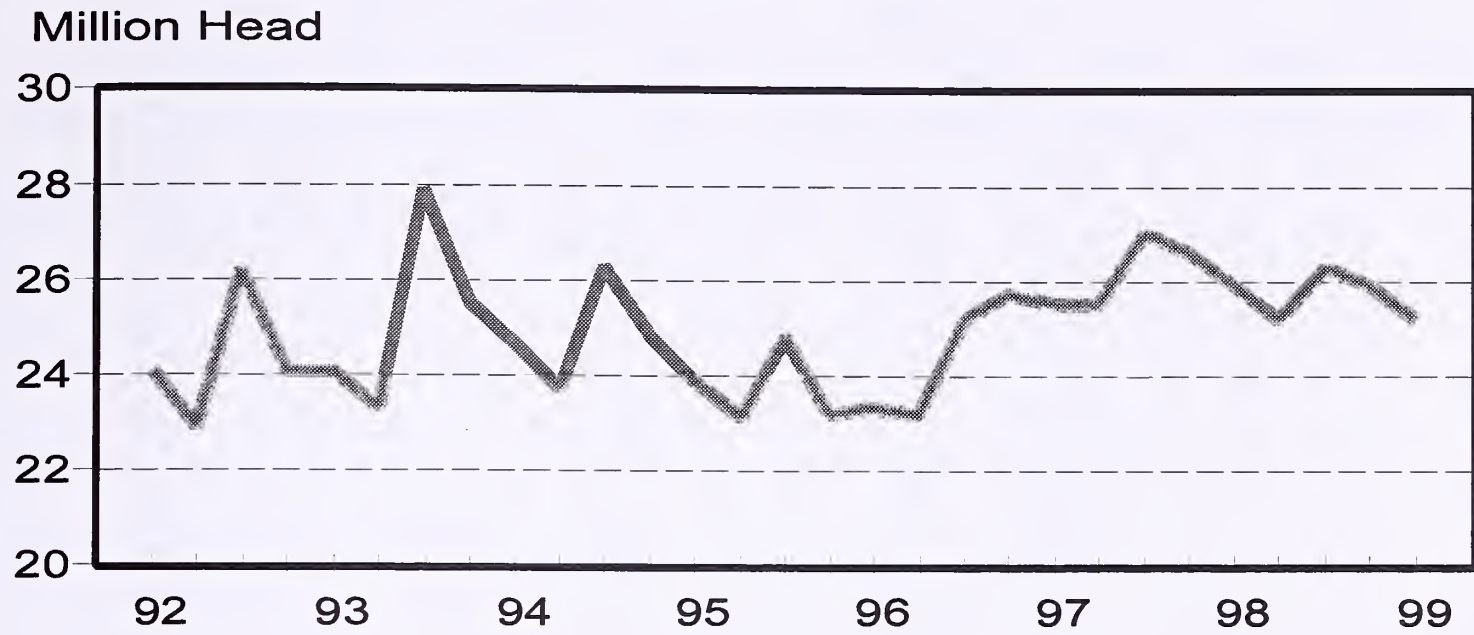
**Annual Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, December-November 1998-1999^{1 2}**

State	Sows Farrowing			Pigs Per Litter		Pig Crop		
	1998	1999		1998	1999	1998	1999	
		Number	as % of 1998				Number	as % of 1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AL	36.0	33.0	92	8.06	8.09	290.0	267.0	92
AK	0.50	0.40	80	7.42	7.25	3.71	2.90	78
AZ	30.0	30.0	100	8.50	9.03	255.0	271.0	106
AR	225	223	99	8.48	8.48	1,907	1,891	99
CA	44.0	43.0	98	9.18	9.28	404.0	399.0	99
CO	286	332	116	8.57	8.43	2,452	2,800	114
CT	1.20	0.70	58	8.20	8.20	9.84	5.74	58
DE	7.60	8.90	117	8.82	8.88	67.00	79.00	118
FL	16.00	16.00	100	7.25	7.00	116.00	112.00	97
GA	104.0	115.0	111	8.37	8.61	870.0	990.0	114
HI	5.30	5.10	96	7.36	7.65	39.00	39.00	100
ID	5.00	5.00	100	7.60	8.20	38.00	41.00	108
IL	945	825	87	8.60	8.64	8,127	7,127	88
IN	775	685	88	8.65	8.68	6,705	5,943	89
IA	2,110	1,990	94	8.71	8.82	18,384	17,560	96
KS	362	328	91	8.82	8.83	3,194	2,897	91
KY	120.0	116.0	97	8.43	8.68	1,011.0	1,007.0	100
LA	9.40	5.80	62	7.45	7.24	70.00	42.00	60
ME	1.80	2.10	117	8.00	6.50	14.40	13.65	95
MD	12.00	10.00	83	7.42	8.20	89.00	82.00	92
MA	3.30	3.60	109	7.58	6.67	25.00	24.00	96
MI	197	192	97	8.78	8.97	1,729	1,723	100
MN	1,080	1,035	96	8.90	8.97	9,612	9,289	97
MS	59.0	57.5	97	8.86	9.08	523.0	522.0	100
MO	775	755	97	8.75	8.72	6,783	6,587	97
MT	38.5	36.0	94	8.94	9.03	344.0	325.0	94
NE	680	640	94	8.50	8.64	5,781	5,528	96
NV	1.20	1.20	100	8.37	8.20	10.04	9.84	98
NH	0.60	0.90	150	8.20	7.20	4.92	6.48	132
NJ	2.55	2.00	78	8.16	6.58	20.80	13.15	63
NM	1.20	1.10	92	7.58	7.45	9.10	8.20	90
NY	12.00	8.00	67	8.25	8.13	99.00	65.00	66
NC	2,125	2,120	100	8.81	8.88	18,728	18,818	100
ND	52.0	59.0	113	8.56	8.76	445.0	517.0	116
OH	359	335	93	8.64	8.67	3,102	2,906	94
OK	515	630	122	9.05	9.07	4,663	5,716	123
OR	7.00	7.20	103	9.00	8.19	63.00	59.00	94
PA	189	184	97	8.72	8.78	1,649	1,615	98
RI	0.85	0.70	82	6.69	5.20	5.69	3.64	64
SC	68.0	55.0	81	8.21	8.78	558.0	483.0	87
SD	240	222	93	8.65	8.92	2,077	1,981	95
TN	80.0	54.0	68	8.18	8.07	654.0	436.0	67
TX	116	151	130	8.46	9.30	981	1,404	143
UT	75.5	97.0	128	8.70	8.62	657.0	836.0	127
VT	0.90	0.70	78	8.20	8.30	7.38	5.81	79
VA	73.0	68.0	93	8.78	9.06	641.0	616.0	96
WA	8.00	7.00	88	8.25	8.71	66.00	61.00	92
WV	4.00	2.00	50	8.00	8.00	32.00	16.00	50
WI	166	138	83	8.33	8.53	1,383	1,177	85
WY	35.5	29.0	82	8.62	8.59	306.0	249.0	81
US	12,061	11,666	97	8.71	8.79	105,005	102,569	98

¹ December preceding year.

² May not add due to rounding.

U.S. Quarterly Pig Crop September - November



U.S. Litter Rate September - November



**Farrowings: Number of Sows, Pigs Per Litter, and Pig Crop
by State and United States, December-February 1998-2000^{1 2}**

State	Sows Farrowing				Pigs Per Litter		Pig Crop ³		
	1998	1999	2000 ⁴		1998	1999	1998	1999	
			Number	as % of 1999				Number	as % of 1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	56	56	55	98	8.50	8.40	476	470	99
CO	62	73	92	126	8.40	8.30	521	606	116
IL	225	210	190	90	8.60	8.70	1,935	1,827	94
IN	195	185	155	84	8.60	8.60	1,677	1,591	95
IA	520	480	490	102	8.70	8.70	4,524	4,176	92
KS	90	83	78	94	9.00	8.70	810	722	89
MI	40	37	50	135	8.80	9.00	352	333	95
MN	260	255	250	98	8.95	8.95	2,327	2,282	98
MO	195	190	175	92	8.80	8.60	1,716	1,634	95
NE	165	165	150	91	8.50	8.55	1,403	1,411	101
NC	515	530	530	100	8.90	8.85	4,584	4,691	102
OH	89	86	78	91	8.50	8.50	757	731	97
OK	117	150	145	97	8.90	9.20	1,041	1,380	133
PA	47	47	46	98	8.60	8.70	404	409	101
SD	58	50	55	110	8.60	8.90	499	445	89
TX	29	37	38	103	8.10	9.40	235	348	148
WI	42	37	28	76	8.20	8.35	344	309	90
Oth Sts ⁵	224	220	205	93	8.38	8.54	1,875	1,882	100
US	2,929	2,891	2,810	97	8.70	8.73	25,480	25,247	99

¹ December preceding year.

² May not add due to rounding.

³ Number of pigs born December-February that were still on hand March 1, or had been sold.

⁴ Intentions.

⁵ Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, March-May 1998-2000 ¹**

State	Sows Farrowing				Pigs per Litter		Pig Crop ²		
	1998	1999	2000 ³				1998	1999	
			Number	as % of 1999	1998	Number		as % of 1998	
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
AR	56	55	55	100	8.40	8.50	470	468	100
CO	73	79	90	114	8.70	8.50	635	672	106
IL	255	210	180	86	8.60	8.65	2,193	1,817	83
IN	195	175	155	89	8.70	8.70	1,697	1,523	90
IA	550	520	490	94	8.70	8.70	4,785	4,524	95
KS	90	85	76	89	8.90	9.10	801	774	97
MI	53	55	55	100	8.90	8.90	472	490	104
MN	275	265	250	94	8.90	8.95	2,448	2,372	97
MO	195	195	180	92	8.90	8.80	1,736	1,716	99
NE	170	165	160	97	8.40	8.60	1,428	1,419	99
NC	540	530	540	102	8.90	8.90	4,806	4,717	98
OH	90	85	78	92	8.70	8.80	783	748	96
OK	129	160	145	91	9.10	9.10	1,174	1,456	124
PA	48	47	46	98	8.70	8.80	418	414	99
SD	65	60	55	92	8.70	8.90	566	534	94
TX	28	37	39	105	9.00	9.50	252	352	140
WI	43	36	29	81	8.50	8.50	366	306	84
Oth Sts ⁴	231	227	209	92	8.50	8.68	1,959	1,968	100
US	3,086	2,986	2,832	95	8.75	8.80	26,989	26,270	97

¹ May not add due to rounding.

² Number of pigs born March-May that were still on hand June 1, or had been sold.

³ Intentions.

⁴ Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, June-August 1998-1999 ¹**

State	Sows Farrowing			Pigs per Litter		Pig Crop ²		
	1998	1999		1998	1999	1998	1999	
		Number	as % of 1998				Number	as % of 1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	57	57	100	8.50	8.50	485	485	100
CO	78	93	119	8.65	8.60	675	800	119
IL	230	200	87	8.60	8.60	1,978	1,720	87
IN	190	170	89	8.65	8.75	1,644	1,488	91
IA	530	490	92	8.75	9.00	4,638	4,410	95
KS	92	82	89	8.70	8.80	800	722	90
MI	52	51	98	8.90	9.00	463	459	99
MN	280	265	95	8.90	9.00	2,492	2,385	96
MO	195	180	92	8.70	8.80	1,697	1,584	93
NE	170	150	88	8.60	8.65	1,462	1,298	89
NC	550	540	98	8.80	9.00	4,840	4,860	100
OH	90	85	94	8.75	8.70	788	740	94
OK	134	165	123	9.10	9.00	1,219	1,485	122
PA	48	44	92	8.70	8.90	418	392	94
SD	57	55	96	8.70	9.00	496	495	100
TX	27	39	144	8.60	8.90	232	347	150
WI	42	34	81	8.35	8.60	351	292	83
Oth Sts ³	232	220	95	8.43	8.64	1,956	1,898	97
US	3,054	2,920	96	8.72	8.86	26,634	25,860	97

¹ May not add due to rounding.

² Number of pigs born June-August that were still on hand September 1, or had been sold.

³ Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop
by State and United States, September-November 1998-1999 ¹**

State	Sows Farrowing			Pigs per Litter		Pig Crop ²		
	1998	1999		1998	1999	1998	1999	
		Number	as % of 1998				Number	as % of 1998
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	56	55	98	8.50	8.50	476	468	98
CO	73	87	119	8.50	8.30	621	722	116
IL	235	205	87	8.60	8.60	2,021	1,763	87
IN	195	155	79	8.65	8.65	1,687	1,341	79
IA	510	500	98	8.70	8.90	4,437	4,450	100
KS	90	78	87	8.70	8.70	783	679	87
MI	52	49	94	8.50	9.00	442	441	100
MN	265	250	94	8.85	9.00	2,345	2,250	96
MO	190	190	100	8.60	8.70	1,634	1,653	101
NE	175	160	91	8.50	8.75	1,488	1,400	94
NC	520	520	100	8.65	8.75	4,498	4,550	101
OH	90	79	88	8.60	8.70	774	687	89
OK	135	155	115	9.10	9.00	1,229	1,395	114
PA	46	46	100	8.90	8.70	409	400	98
SD	60	57	95	8.60	8.90	516	507	98
TX	32	38	119	8.20	9.40	262	357	136
WI	39	31	79	8.25	8.70	322	270	84
Oth Sts ³	230	214	93	8.53	8.68	1,958	1,859	95
US	2,993	2,869	96	8.66	8.78	25,902	25,192	97

¹ May not add due to rounding.

² Number of pigs born September-November that were still on hand December 1 or had been sold.

³ Individual State estimates not available for the 33 other States.

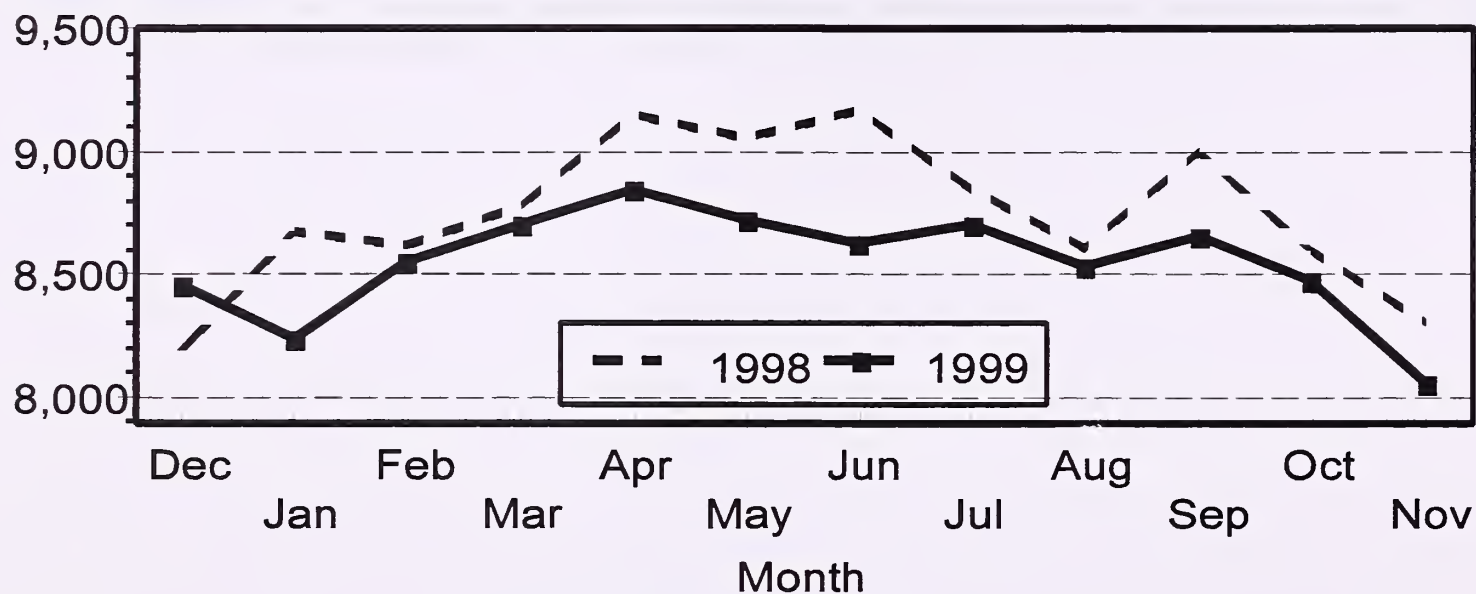
**Monthly Farrowings: Number of Sows, Pigs per Litter, and Pig Crop,
United States December-November 1998-1999¹**

Month	Sows Farrowing		Pigs per Litter		Pig Crop	
	1998	1999	1998	1999	1998	1999
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
Dec ¹	940	960	8.71	8.81	8,190	8,460
Jan	995	954	8.72	8.63	8,675	8,236
Feb	994	977	8.67	8.75	8,615	8,551
Mar	1,010	991	8.69	8.78	8,780	8,700
Apr	1,040	1,005	8.80	8.80	9,150	8,846
May	1,036	990	8.74	8.81	9,059	8,724
Jun	1,050	970	8.74	8.89	9,175	8,626
Jul	1,014	984	8.73	8.84	8,850	8,700
Aug	990	966	8.70	8.83	8,609	8,534
Sep	1,042	981	8.64	8.82	9,000	8,657
Oct	997	970	8.63	8.74	8,600	8,480
Nov	954	918	8.70	8.77	8,302	8,055
Total	12,062	11,666	8.71	8.79	105,005	102,569

¹ December preceding year.

U.S. Monthly Pig Crop

(000) Head



**Hogs and Pigs: Number of Operations with Hogs,
by State and United States, 1998-1999 ¹**

State	Operation With Hogs	
	1998	1999
	<i>Number</i>	<i>Number</i>
AL	1,000	500
AK	50	60
AZ	250	230
AR	1,300	1,100
CA	1,600	1,100
CO	1,000	500
CT	250	300
DE	150	120
FL	1,800	1,700
GA	1,700	1,400
HI	250	230
ID	800	600
IL	7,000	6,500
IN	6,400	6,200
IA	17,500	14,500
KS	2,600	1,900
KY	1,700	1,400
LA	600	600
ME	400	400
MD	620	550
MA	500	500
MI	2,800	2,000
MN	8,500	7,500
MS	2,000	1,800
MO	5,000	4,000
MT	650	600
NE	5,900	5,000
NV	110	100
NH	300	250
NJ	550	450
NM	400	400
NY	1,400	1,000
NC	4,200	4,000
ND	850	760
OH	6,500	6,000
OK	3,100	2,800
OR	1,200	900
PA	3,500	3,400
RI	50	60
SC	1,000	700
SD	3,200	2,700
TN	2,200	1,700
TX	5,000	4,600
UT	500	500
VT	250	250
VA	1,500	1,200
WA	1,000	800
WV	1,100	1,100
WI	3,300	3,300
WY	300	200
US	113,830	98,460

¹ An operation is any place having one or more head of hogs and pigs on hand at any time during the year. Totals may not add due to rounding.

**Hogs and Pigs: Number of Operations by Size Group, Selected
States, Region, and United States, 1998-1999¹**

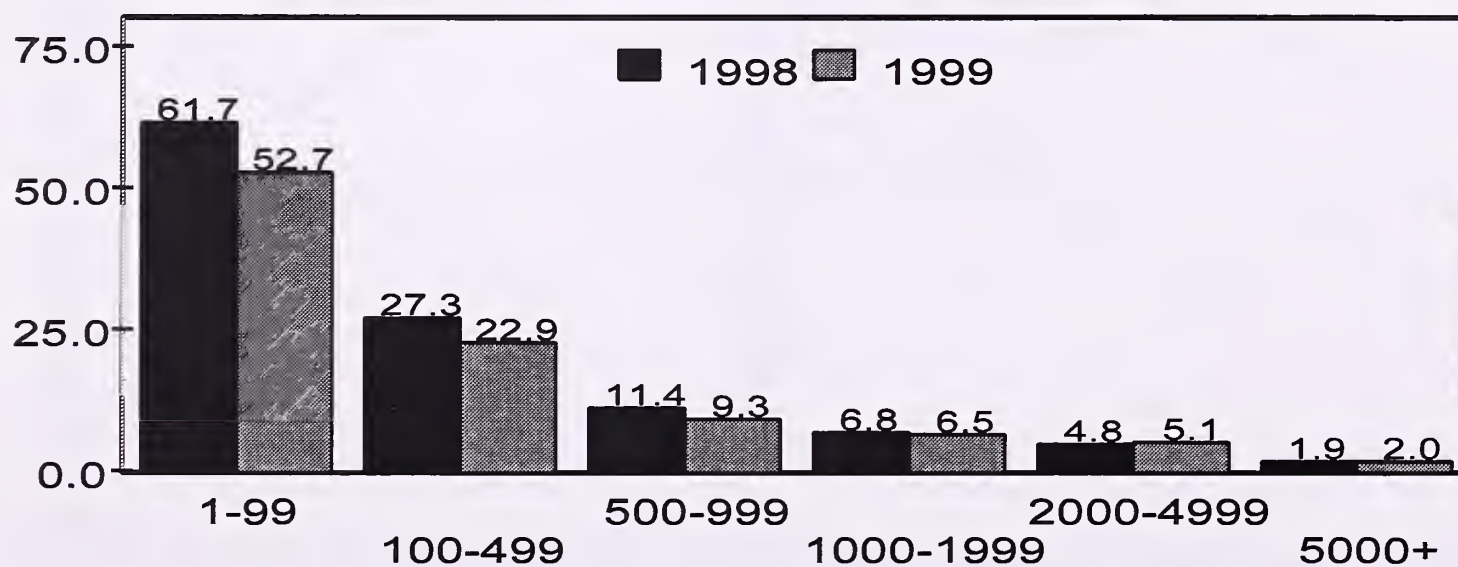
State	Operations Having					
	1-99 Head		100-499 Head		500-999 Head	
	1998	1999	1998	1999	1998	1999
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AR	880	680	105	100	85	85
CO	850	390	80	40	30	20
IL	2,200	2,100	2,250	1,950	1,300	1,200
IN	2,400	2,400	2,100	2,000	840	770
IA	2,900	2,400	6,300	4,900	4,100	2,800
KS	1,300	900	890	600	200	200
MI	1,900	1,100	500	500	100	100
MN	2,800	2,200	3,000	2,600	1,300	1,200
MO	2,100	1,900	1,800	1,200	570	450
NE	1,550	1,450	2,700	2,200	925	620
NC	2,400	2,200	190	210	140	120
OH	4,000	3,500	1,600	1,600	500	520
OK	2,800	2,500	130	130	40	40
PA	2,450	2,450	520	400	200	230
SD	1,100	900	1,500	1,200	300	300
TX	4,850	4,500	90	60	20	15
WI	2,100	2,200	870	800	180	150
Oth Sts ²	23,090	18,960	2,690	2,360	520	435
US	61,670	52,730	27,315	22,850	11,350	9,255

See footnotes at end of table.

--continued

U. S. Hog Operations Number by Size Group, 1998-1999

Number (000)



**Hogs and Pigs: Number of Operations by Size Group, Selected
States, Region, and United States, 1998-1999 ¹ (continued)**

State	Operations Having					
	1,000-1,999 Head		2,000-4,999 Head		5,000+ Head	
	1998	1999	1998	1999	1998	1999
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
AR	95	95	90	95	45	45
CO	15	25	5	5	20	20
IL	690	660	430	460	130	130
IN	580	560	360	380	120	90
IA	2,450	2,400	1,430	1,600	320	400
KS	90	70	80	90	40	40
MI	150	130	120	130	30	40
MN	750	750	470	530	180	220
MO	230	180	240	200	60	70
NE	450	450	200	200	75	80
NC	240	200	650	690	580	580
OH	260	220	115	130	25	30
OK	50	50	50	50	30	30
PA	150	140	140	135	40	45
SD	160	160	80	80	60	60
TX	15	5	5	5	20	15
WI	95	110	50	35	5	5
Oth Sts ²	355	295	250	305	125	105
US	6,825	6,500	4,765	5,120	1,905	2,005

¹ An operation is any place having one or more head of hogs and pigs on hand at any time during the year.

² Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Percent of Inventory by Size Group, Selected
States, Region, and United States, 1998-1999¹**

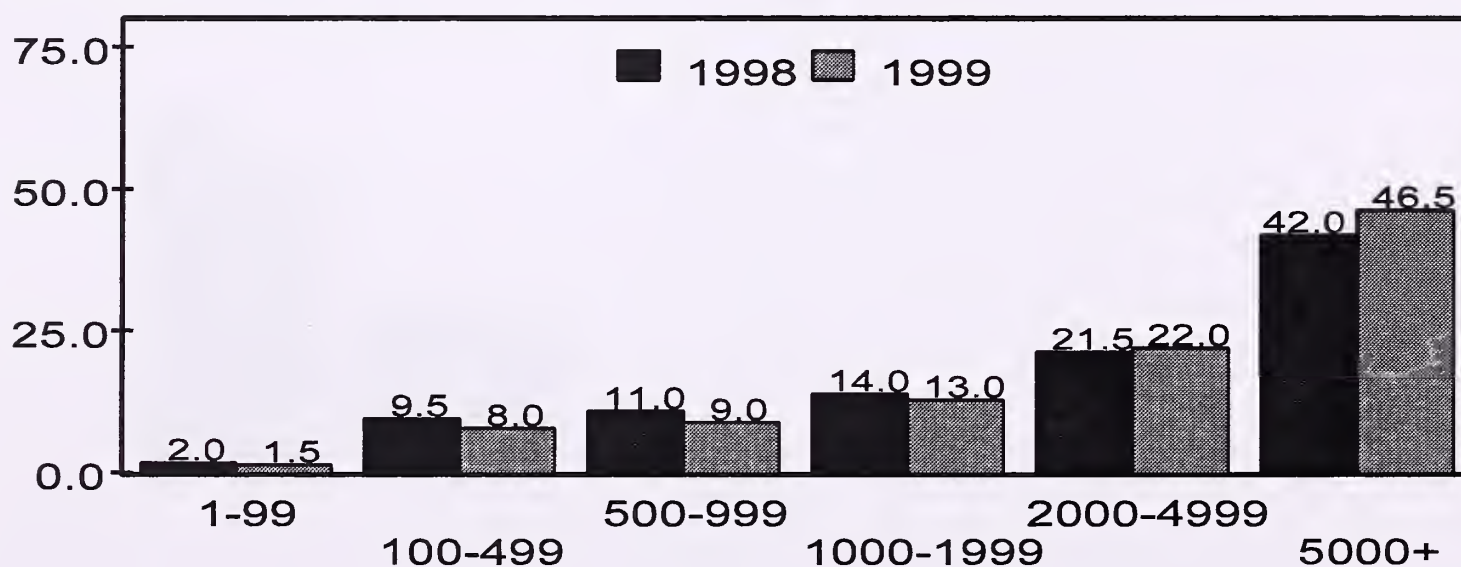
State	Inventory on Operations Having					
	1-99 Head		100-499 Head		500-999 Head	
	1998	1999	1998	1999	1998	1999
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
AR	2.0	2.0	2.0	2.0	7.0	7.0
CO	1.0	0.5	2.0	1.0	1.5	1.0
IL	1.5	1.0	10.5	9.0	15.0	14.0
IN	2.0	1.5	12.0	12.0	13.0	13.0
IA	0.5	0.3	9.5	7.5	15.0	11.2
KS	2.0	1.0	12.0	8.0	7.0	6.5
MI	2.0	1.0	8.0	8.0	6.0	6.0
MN	2.0	1.0	11.0	9.0	13.0	12.0
MO	2.0	1.5	12.0	8.0	9.0	7.5
NE	1.5	1.5	18.5	16.5	18.0	13.0
NC	0.5	0.5	0.5	0.5	1.0	1.0
OH	7.0	5.0	24.0	23.0	20.0	21.0
OK	2.0	1.5	1.5	1.5	1.5	1.5
PA	3.5	3.5	10.5	8.5	12.0	14.0
SD	2.5	2.0	22.0	19.0	12.5	13.0
TX	9.5	7.0	5.0	4.0	2.5	1.5
WI	7.0	8.0	28.0	28.0	21.0	17.0
Oth Sts ²	5.0	2.5	8.0	7.0	5.0	3.5
US	2.0	1.5	9.5	8.0	11.0	9.0

See footnotes at end of table.

--continued

U. S. Hog Inventory Percent by Size Group, 1998-1999

Percent



**Hogs and Pigs: Percent of Inventory by Size Group, Selected
States, Region, and United States, 1998-1999 ¹ (continued)**

State	Inventory on Operations Having					
	1,000-1,999 Head		2,000-4,999 Head		5,000+ Head	
	1998	1999	1998	1999	1998	1999
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
AR	14.0	14.0	31.0	31.0	44.0	44.0
CO	2.5	3.5	1.0	1.0	92.0	93.0
IL	17.0	17.0	27.0	29.0	29.0	30.0
IN	17.0	19.0	24.0	25.5	32.0	29.0
IA	20.0	18.0	27.0	28.0	28.0	35.0
KS	8.0	5.5	12.0	13.0	59.0	66.0
MI	20.0	15.0	34.0	37.0	30.0	33.0
MN	18.0	17.0	21.0	22.0	35.0	39.0
MO	7.0	6.0	15.0	15.0	55.0	62.0
NE	17.0	17.0	17.0	18.0	28.0	34.0
NC	3.5	3.0	21.5	22.0	73.0	73.0
OH	19.0	18.0	18.0	22.0	12.0	11.0
OK	3.5	3.0	6.5	6.5	85.0	86.0
PA	17.0	16.0	30.0	30.0	27.0	28.0
SD	12.0	12.0	15.0	16.0	36.0	38.0
TX	4.5	1.5	3.5	2.0	75.0	84.0
WI	19.0	24.0	18.0	16.0	7.0	7.0
Oth Sts ²	7.5	6.0	14.0	16.0	60.5	65.0
US	14.0	13.0	21.5	22.0	42.0	46.5

¹ An operation is any place having one or more head of hogs and pigs on hand at any time during the year. Percent reflect average distributions based primarily on mid-year surveys.

² Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Number of Operations and Percent of Inventory by Size Group,
Based on Ownership, United States, 1998-1999 ¹**

Head	Operations		Percent of Inventory	
	1998	1999	1998	1999
	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Percent</i>
1-99	61,600	52,700	2.0	1.5
100-499	26,500	21,500	9.5	7.5
500-999	10,000	8,000	10.0	8.0
1,000-1,999	4,400	4,400	11.0	10.5
2,000-4,999	2,300	2,400	12.0	12.0
5,000-9,999	590	700	7.0	8.0
10,000-19,999	260	270	6.5	7.0
20,000-49,999	100	115	5.0	6.0
50,000+	100	105	37.0	39.5
Total	105,850	90,190	100.0	100.0

¹ Own one or more head of hogs and pigs at any time during the year.

Reliability of December 1 Hogs and Pigs Estimates

Survey Procedures: A random sample of 16,800 U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all hog and pig producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 14,200 operations, 84 percent of the total sample, during the first-half of December by mail, telephone, and face-to-face personal interviews. Regardless of when operations responded, they were asked to report inventories as of December 1.

Estimation Procedures: These hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

Revision Policy: Revisions to previous estimates are made to improve quarter to quarter relationships. Estimates for the previous four quarters are subject to revision when current estimates are made. In December, estimates for all quarters of the current and previous year are reviewed. The reviews are primarily based on hog check-off receipts and slaughter. Estimates will also be reviewed after data from the Department of Agriculture five-year Census of Agriculture are available. No revisions will be made after that date.

Reliability: Since all operations raising hogs are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplication, and mistakes in reporting, recording, and processing the data. The affects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "Root Mean Square Error" is shown for selected items in the following table. The "**Root Mean Square Error**" is a statistical measure based on past performance and is computed using the difference between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 20 quarters is 1.9 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 59.4 million head by more than 1.9 percent. Chances are 9 out of 10 that the difference will not exceed 3.2 percent.

Reliability of December 1 Hog Estimates ¹

Item	Root Mean Square Error	90% Confidence Level		Difference Between First and Latest Estimates			Quarters	
				Average	Smallest	Largest	First Above Latest	First Below Latest
	<i>Percent</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>
All Hogs & Pigs	1.9	3.2	1,901	762	40	2,820	10	10
Pig Crop	1.9	3.2	806	343	3	1,009	10	10
Expected Farrowings								
Next Quarter	2.5	4.4	124	56	1	161	12	8
Following	4.8	8.3	235	102	17	380	12	8

¹ Based on quarterly records for the past 20 quarters.

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The next "Hogs and Pigs" report will be released at 3 p.m. ET on March 24, 2000.

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